

Listing of Claims:

1. (Original): An ink container comprising
a collapsible ink reservoir for containing a supply of ink;
an outer container for enclosing said collapsible ink reservoir and
configured to receive pressurizing gas that pressurizes said supply of
ink; and
an insert structure disposed in said collapsible ink reservoir for allowing
said collapsible ink reservoir to resist collapse of said collapsible ink
reservoir, whereby resistance to collapse controls an ink supply
pressure versus remaining ink characteristic of said collapsible ink
reservoir.
2. (Original): The ink container of Claim 1 wherein said insert comprises
a compliant element.
3. (Original): The ink container of Claim 1 wherein said insert comprises
a non-compliant element.
4. (Original): The ink container of Claim 1 wherein said insert comprises
foam.
5. (Original): The printing apparatus of Claim 1 wherein said foam
comprises polyurethane foam.
6. (Original): The ink container of Claim 1 wherein said insert comprises
a foam panel.
7. (Original): The ink container of Claim 6 wherein said foam panel
includes cut-outs.

8. (Original): The ink container of Claim 1 wherein said insert comprises a three-dimensional formed sheet.
9. (Original): The ink container of Claim 8 wherein said formed sheet is wave-shaped.
10. (Original): The ink container of Claim 8 wherein said formed sheet is C-shaped.
11. (Canceled).
12. (Original): The ink container of Claim 8 wherein said formed sheet comprises stainless steel.
13. (Original): The ink container of Claim 1 wherein said insert structure determines an amount of remaining ink at which said pressure starts to change.
14. (Original): The printing apparatus of Claim 13 wherein said pressure starts to change at an amount of remaining ink that is greater than an amount of remaining ink at which said pressure would change if said collapsible ink reservoir did not include said insert.
15. (Original): The ink container of Claim 1 further including a pressure transducer located inside said outer container for sensing a pressure of said supply of ink.
- 16 – 41 (Canceled).
42. (Previously Presented): An ink container comprising:
a collapsible ink reservoir for containing a supply of ink;
an outer container for enclosing said collapsible ink reservoir; and

an insert structure comprising foam disposed in said collapsible ink reservoir for allowing said collapsible ink reservoir to resist collapse of said collapsible ink reservoir, whereby resistance to collapse controls a pressure versus remaining ink characteristic of said collapsible ink reservoir.

43. (Previously Presented): The ink container of claim 42 wherein said foam comprises polyurethane foam.
44. (Previously Presented): The ink container of Claim 42 further including a pressure transducer located inside said outer container for sensing a pressure of said supply of ink.
45. (Previously Presented): An ink container comprising:
a collapsible ink reservoir for containing a supply of ink;
an outer container for enclosing said collapsible ink reservoir;
an insert structure disposed in said collapsible ink reservoir for allowing said collapsible ink reservoir to resist collapse of said collapsible ink reservoir, whereby resistance to collapse controls a pressure versus remaining ink characteristic of said collapsible ink reservoir; and
wherein said insert structure determines an amount of remaining ink at which said pressure starts to change.
46. (Previously Presented): The ink container of Claim 45 wherein said insert comprises a compliant element.
47. (Previously Presented): The ink container of Claim 45 wherein said insert comprises a non-compliant element.
48. (Previously Presented): The ink container of Claim 45 wherein said insert comprises foam.

49. (Previously Presented): The printing apparatus of Claim 45 wherein said foam comprises polyurethane foam.
50. (Previously Presented): The ink container of Claim 45 wherein said insert comprises a foam panel.
51. (Previously Presented): The ink container of Claim 50 wherein said foam panel includes cut-outs.
52. (Previously Presented): The ink container of Claim 45 wherein said insert comprises a three-dimensional formed sheet.
53. (Previously Presented): The ink container of Claim 52 wherein said formed sheet is wave-shaped.
54. (Previously Presented): The ink container of Claim 53 wherein said formed sheet is C-shaped.
55. (Previously Presented): The ink container of Claim 53 wherein said formed sheet comprises stainless steel.
56. (Previously Presented): The ink container of Claim 45 further including a pressure transducer located inside said outer container for sensing a pressure of said supply of ink.

57. (Previously Presented): An ink container comprising:
a collapsible ink reservoir for containing a supply of ink;
an outer container for enclosing said collapsible ink reservoir;
an insert structure disposed in said collapsible ink reservoir for allowing said collapsible ink reservoir to resist collapse of said collapsible ink reservoir, whereby resistance to collapse controls a pressure versus remaining ink characteristic of said collapsible ink reservoir; and
wherein said pressure starts to change at an amount of remaining ink that is greater than an amount of remaining ink at which said pressure would change if said collapsible ink reservoir did not include said insert.
58. (Previously Presented): The ink container of Claim 57 wherein said insert comprises a compliant element.
59. (Previously Presented): The ink container of Claim 57 wherein said insert comprises a non-compliant element.
60. (Previously Presented): The ink container of Claim 57 wherein said insert comprises foam.
61. (Previously Presented): The printing apparatus of Claim 57 wherein said foam comprises polyurethane foam.
62. (Previously Presented): The ink container of Claim 57 wherein said insert comprises a foam panel.
63. (Previously Presented): The ink container of Claim 62 wherein said foam panel includes cut-outs.
64. (Previously Presented): The ink container of Claim 57 wherein said insert comprises a three-dimensional formed sheet.

65. (Previously Presented): The ink container of Claim 64 wherein said formed sheet is wave-shaped.
66. (Previously Presented): The ink container of Claim 64 wherein said formed sheet is C-shaped.
67. (Previously Presented): The ink container of Claim 64 wherein said formed sheet comprises stainless steel.
68. (Previously Presented): The ink container of Claim 57 further including a pressure transducer located inside said outer container for sensing a pressure of said supply of ink.
69. (Previously Presented): An ink container comprising:
a collapsible ink reservoir for containing a supply of ink;
an outer container enclosing said collapsible ink reservoir, said outer container configured to contain pressurizing gas that pressurizes said supply of ink; and
means disposed in said collapsible ink reservoir for controlling an ink supply pressure versus remaining ink characteristic of said collapsible ink reservoir.
70. (Previously Presented): The ink container of Claim 69 further including a pressure transducer located inside said outer container for sensing a pressure of said supply of ink.

71. (Previously Presented): A printing apparatus comprising:
a collapsible ink reservoir for containing a supply of ink;
an outer container defining an interior chamber and enclosing said collapsible ink reservoir, said collapsible ink reservoir defining an unoccupied portion of said interior chamber that is external of said collapsible ink reservoir;
said outer container is configured to receive pressurizing gas that pressurizes said supply of ink;
a pressure transducer located inside said outer container for providing an ink supply pressure signal indicative of an amount of ink remaining in said collapsible ink reservoir; and
an insert structure disposed in said collapsible ink reservoir for controlling an ink supply pressure signal versus remaining ink characteristic of said collapsible ink reservoir.
72. (Previously Presented): The ink container of Claim 71 wherein said insert comprises a compliant element.
73. (Previously Presented): The ink container of Claim 71 wherein said insert comprises a non-compliant element.
74. (Previously Presented): The ink container of Claim 71 wherein said insert comprises foam.
75. (Previously Presented): The printing apparatus of Claim 74 wherein said foam comprises polyurethane foam.
76. (Previously Presented): The ink container of Claim 71 wherein said insert comprises a foam panel.
77. (Previously Presented): The ink container of Claim 76 wherein said foam panel includes cut-outs.

78. (Previously Presented): The ink container of Claim 71 wherein said insert comprises a three-dimensional formed sheet.
79. (Previously Presented): The ink container of Claim 78 wherein said formed sheet is wave-shaped.
80. (Previously Presented): The ink container of Claim 78 wherein said formed sheet is C-shaped.
81. (Previously Presented): The ink container of Claim 78 wherein said formed sheet comprises stainless steel.